

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: USB 2.0 5A 1 260°C Surface Mount 12 Male -55°C~+85°C Gold Copper Alloy Type-C SMD USB Connectors ROHS	
	Model No. Connector	
	Part No./Ordering No. PLUG-USBC-121SMT-4BS2S	Rev A2

In Addition to GlobTek Inc.'s renewed ISO9001:2008 - Quality Management System Certification, GlobTek Inc. is now certified to:

- ISO13485:2003 - Medical Devices Quality Management System Certification
- ISO14001:2004 - Environmental Management System Certification

ISO Certificates are available online at <http://www.globtek.com/iso-certificates/>

The acceptance of this specification and use of the product described in this document indicates the acceptance and binding of the customer to Globtek TERMS AND CONDITIONS (attached to the end of this document), which supersede all other agreements, terms, and conditions (<http://www.globtek.com/terms-and-conditions/>).

Prop 65 Statement:<https://www.globtek.com/prop-65-statement.pdf>

Footnote:

GlobTek Inc. will not be liable for the safety and performance of these power supplies if unauthorized access and repair occurs. End user should consult applicable UL, CSA or EN standards for proper installation instruction.

Limitation of Use:

GlobTek products are intended for use with commercial, medical, and/or industrial equipment only. GlobTek product are not authorized for use as mission critical components in life support hazardous environment, nuclear or aircraft applications without prior written approval from the CEO of GlobTek Inc.

Contents of this document are subject to change without prior notice.

Customer Approval of Specification:

Please approve, sign and send back to GlobTek so we can complete order processing.

A delay in receipt of this form will delay delivery schedule.

Company Name: _____	Customer P/N: _____
Quote Number: _____	Date: _____
Authorized Representative Name: _____	Authorized Representative Signature: _____

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REVISION HISTORY

REV	DESCRIPTION	SUB	DATE	APPROVED
A2	Add MPQ, MOQ data	QA	02/22/2025	QA
A1	Update the box quantity information	QA	06/20/2024	QA
A	Initial release	QA	07/25/2022	QA

3D CAD FILE:

<https://www.globtek.com/file/dl/PLUG-USBC-121SMT-4BS2S.zip>

AGENCY ONLINE DOCUMENTS

RoHS/RoHS3 Declaration https://www.globtek.com/pdf/rohs_cert/01t3a000005hSXwAAM

REACH Declaration <https://www.globtek.com/r2/eM2co8>

Conflict Minerals Declaration <https://www.globtek.com/r2/SNw6P3>

Prop 65 Statement <https://www.globtek.com/r2/VMPRnr>

IPXY rating is based on 3rd party testing and customers should check suitability and test system level IPXY rating before ordering.

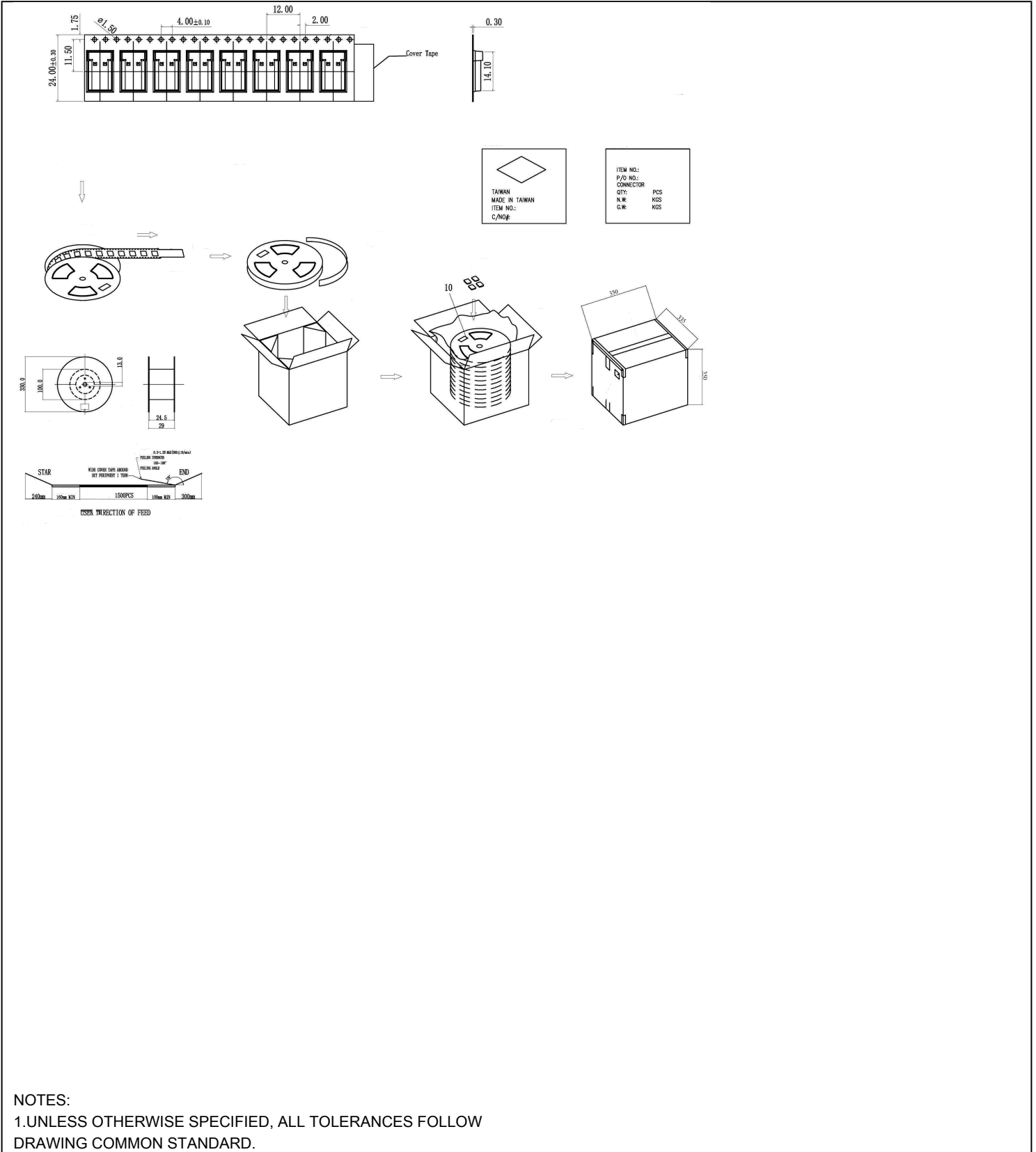
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NOTES:

1. UNLESS OTHERWISE SPECIFIED, ALL TOLERANCES FOLLOW DRAWING COMMON STANDARD.

PROPRIETARY INFORMATION

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2.Material:

Contacts: Copper Alloy, Thickness = 0.15±0.01mm.
HOUSING: LCP+ 30% G.F, UL94V-0 COLOR: BLACK
Shell: STEEL ALLOY , THICKNESS = 0.20±0.01mm
SHIELD CONTACT : STEEL ALLOY , THICKNESS = 0.40±0.01mm

3.Electrical:

Current-max[amps]: 5A Max For Vbus/GND PIN;
0.9A Max For Other PIN.
Withstanding Voltage: 100V AC R.M.S
Contact Resistance [ohms]: 40mΩ Max.For
Initial 10mΩ.Change Afier
Test.Measure AT 20mV,100mA
Insulation Resistance [ohms]: 100 mΩ min.

4.MECHANICAL CHARACTERISTICS:

Mating force: 5 ~ 20N
Unmated Force : 8 ~ 20N After test.
Durability: 10000 cycles min.

5.Plating:

Contacts: SEE TABLE Au plated on contact area,
Bright Tin plating 50U"Min on solder area
Nickel Under plating 50u"Min over all
Shell : plating 20 ~ 50U"Nickel over

6.Environmental

Temperature Range: -55°C~+85°C

7. LEAD-FREE AND ROHS COMPLIANT PRODUCT

8. ▼SHOW CRITICAL DIMENSION.

Temperature Life, Vibration, Cyclic Temperature and Humidity, Thermal Shock, Mixed Flowing Gas and etc.:

<https://www.globtek.com/pdf/ENVIRONMENTAL.pdf>

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PACKAGING

Packing Spec P/N:

Box Qty: 1500

Gift Box Size (mm):

Gift Box Color: White

Master Carton Size (mm): 350 x 350 x 335

Master Carton Cubic Volume (m³): 0.04

Master GW (Kg): 14.8 kg

wt Ea. (Kg): 0.01 kg

wt Ea. (Kg): 0.02 kg

LABEL SPECS: ,

PACK SPEC: